AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A copying machine comprising:

a reading unit which reads an image on an original document and outputs image data representing the image;

a printing unit which receives printing data and prints according to the printing data;

a data storing unit which stores the image data output from the reading unit;

a start-command accepting unit which accepts a start command for starting a copy job when the reading unit is not in a reading operation;

a reading-operation control unit which executes such controls that when the start-command accepting unit accepts the start-command of the copy job, the reading-operation control unit causes the reading unit to start the reading operation of reading the image on the original document set to the reading unit and the reading-operation control unit stores the image data output from the reading unit into the data storing unit whether the printing unit is operating or not; ~~and~~

a printing-operation control unit which supplies the printing data based on the image data stored in the data storing unit to the printing unit;

<u>a display; and</u>

a display control unit which executes such controls that the display control unit causes the

display, for informing a user, to display a state of the process executed by the reading unit and a

state of the process executed by the printing unit during the operation of the reading-operation

control unit and the printing-operation control unit, and the display control unit causes the

display, for informing a user, to display a state that the start-command accepting unit can accept

the start command of the copy job and the state of the process executed by the printing unit when

the reading-operation control unit is not in operation and the printing-operation control unit is in

operation.

2. (original): A copying machine according to claim 1 further comprising:

a managing unit which assigns copy job identifying information to each copy job of

which a start command is obtained by the start-command accepting unit, and manages the

correspondence between the image data stored in the data storing unit by the reading-operation

control unit and the copy job identified by any of the copy job identifying information;

a halting-command accepting unit which accepts a halt command for halting the copy

job; and

a copy-job halting control unit which executes such controls that the copy-job halting

control unit deletes from the data storing unit the image data which is managed by the managing

unit and corresponds to the copy job identifying information of the copy job of which the halt

command is accepted by the halting-command accepting unit, when the reading-operation

control unit carries out a process on the copy job, the copy-job halting control unit causes the

reading-operation control unit to halt the execution of the process, and when the printing-

operation control unit executes a process on the copy job, the copy-job halting control unit

causes the printing-operation control unit to halt the execution of the process.

3. (canceled).

4. (currently amended): A copying-operation control device connectable to a scanner and

a printer, comprising:

a data storing unit which stores image data output from the scanner;

a start-command accepting unit which accepts a start command for starting a copy job

when the scanner is not in a reading operation;

a reading-operation control unit which executes such controls that when the start-

command accepting unit accepts the start-command, the reading-operation control unit causes

the scanner to start the reading operation of reading an image on an original document set to the

scanner whether the printer is operating or not, and the reading-operation control unit stores the

image data output from the scanner into the data storing unit; ~~and~~

a printing-operation control unit which supplies a print data element based on at least one

of the image data stored in the data storing unit to the printer; and

a display control unit which executes such controls that the display control unit causes a

display, for informing a user, to display a state of the process executed by the reading unit and a

state of the process executed by the printing unit during the operation of the reading-operation

control unit and the printing-operation control unit, and the display control unit causes the

display, for informing the user, to display a state that the start-command accepting unit can

accept the start command of the copy job and the state of the process executed by the printing

unit when the reading-operation control unit is not in operation and the printing-operation control

unit is in operation.

      5. (currently amended): A copying-operation control device connectable to at least one

scanner and at least one printer, the copying-operation control device comprising:

      a copy job management information storing unit which includes a memory capacity

capable of storing plural pieces of copy job management information including scanner

identifying information and printer identifying information;

      a data storing unit which stores image data output from one of the at least one scanner;

      a start command accepting unit which accepts a start command for starting staring a copy

job representing that which scanner being not in operation of the at least one scanner is

designated as an image data source and which printer of the at least one printer is designated as a

copy data destination;

      a copy-job management information forming unit which executes such controls that when

the start-command accepting unit accepts the start command for the copy job, the copy-job

management information forming unit forms the copy-job management information including

the scanner identifying information of the scanner designated as the image data source on the

copy job and printer identifying information of the printer designated as the copy data destination

on the copy job, and stores the copy-job management information into the copy job management

information storing unit;

a reading-operation control unit which executes such controls that when the copy-job

management information is formed by the copy-job management information forming unit, the

reading-operation control unit causes the scanner identified by scanner identifying information

contained in the copy-job management information to start an operation of reading an image on

an original document set on the scanner, and the reading-operation control unit associates the

image data which the scanner outputs as the result of the reading operation with the copy-job

management information and stores the image data into the data storing unit whether or not a

printer identified by printer identifying information contained in the copy-job management

information is in operation;

a printing-operation control which supplies print data based on the image data, stored in

the data storing unit in association with the copy-job management information earliest stored in

the copy-job management information storing unit, to the printer identified by printer identifying

information contained in the copy-job management information; and

a management deleting unit which deletes the copy-job management information earliest

stored in the copy-job management information storing unit when the operation of the reading-

operation control unit, which is started when the copy-job management information is formed,

ends, and the sending of the print data based on the image data associated with the copy-job

management information to the printer is completed.

6. - 9. (canceled).

10. (new): The copying machine according to claim 1, wherein the copying machine is constituted by a scanner which functions as the reading unit, a printer which functions as the printing unit, and a copying-operation control device which functions as the data storing unit, the start-command accepting unit, the reading-operation control unit, a printing-operation control unit and the display control unit.

11. (new): A computer program product including instructions, wherein the instructions, when executed by a computer connected to a scanner and a printer, causes the computer to function as:

a data storing unit that stores image data output from the scanner;

a start-command accepting unit that accepts a start command for starting a copy job when the reading unit is not in a reading operation;

a reading-operation control unit which executes such controls that when the start-command accepting unit accepts the start-command of the copy job, the reading-operation control unit causes the reading unit to start the reading operation of reading the image on the original document set to the reading unit and the reading-operation control unit stores the image data output from the reading unit into the data storing unit whether the printing unit is operating or not;

a printing-operation control unit which supplies the printing data based on the image data stored in the data storing unit to the printing unit;

a display; and

a display control unit which executes such controls that the display control unit causes the display, for informing a user, to display a state of the process executed by the reading unit and a state of the process executed by the printing unit during the operation of the reading-operation control unit and the printing-operation control unit, and the display control unit causes the display, for informing a user, to display a state that the start-command accepting unit can accept the start command of the copy job and the state of the process executed by the printing unit when the reading-operation control unit is not in operation and the printing-operation control unit is in operation.